

EAST Search History

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
S104	26507	324/207.21.252.ccls. 338/32R.ccls. 360/313.314.315.316.317.318.318.1.319.320.321.322.323.324.324.1.324.11.324.12.324.2.325.326.327.327.1.327.11.327.2.327.21.327.22.327.23.327.24.327.3.327.31.327.32.327.33.ccls. 438/3.10.14.17.48.ccls.	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S105	18294	S104 and (substrate semiconductor wafer)	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S106	3729	S105 and (pinned fixed) near3 (layer level)	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S107	146	S106 and (bridge wheatstone) same (magneto\$1resist\$4)	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S108	281	S106 and (bridge wheatstone)	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S109	135	S108 not S107	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S110	383	S106 and ("8" eight plural\$3 multipl\$3 additional) near3 (magneto\$1resist\$4 gmr tnr cmr) ("2" two plural\$3 multipl\$3 additional) near3 (bridge wheatstone) dual\$1bridge dual adj bridge dual\$1wheatstone dual adj wheatstone)	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S111	325	S110 not S109	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S112	693	S111 not S107	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S113	105	S106 and (bridge wheatstone) same (gmr tnr cmr)	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S114	24	S113 not S107	US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16

S115	7390	(spin\$1valve spin adj valve) and (gnr tur cmr magneto\$1resist\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S116	5003	S115 and (pinned fixed) near3 (layer level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S117	307	S116 and (bridge wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S118	103	S116 and ("2" two plural\$3 multipl\$3 additional) near3 (bridge wheatstone) dual\$1bridge dual adj bridge dual\$1wheatstone dual adj wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S119	3034	324/207.21,252.ccls. 338/32R.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S120	394	S119 and (spin\$1valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S121	7	("20030070497" "20060103381" "6175296" "6313627" "6366079" "6501678" "6946834").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/17 13:16
S122	11	("6501678").URPN.	USPAT	OR	ON	2009/03/17 13:16
S123	8	("5477482" "5561368" "5617071" "5945825" "6100686" "6175296" "6178111" "6329818").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/17 13:16
S124	3653	S105 and direction near3 magnetiz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S125	410	S124 and (bridge wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S126	209	S125 not S108	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S127	5292	S105 and ((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S128	2752	S127 and (spin\$1valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16

S129	26507	S129 and (substrate semiconductor wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S130	18294	S129 and (substrate semiconductor wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S131	5292	S130 and ((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S132	2752	S131 and (spin\$1 valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S133	788	S132 and ((bridge wheatstone) ("2" two second additional plural\$3 multipl\$3) near5 (gmr tnr magneto\$1 resis\$4 magnetic near3 resis\$4 sens\$3 detect\$3 probe transducer) same ((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz\$5) with (cross\$3 perpendicular\$2 orthogonal\$2 normal\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S134	5	"20020006017" "5315282" "5561368" "5945825" "6465053".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/17 13:16
S135	1197	S131 and ((bridge wheatstone) ("2" two second additional plural\$3 multipl\$3) near5 (gmr tnr magneto\$1 resis\$4 magnetic near3 resis\$4 sens\$3 detect\$3 probe transducer) same ((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz\$5) with (cross\$3 perpendicular\$2 orthogonal\$2 normal\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S136	409	S135 not S133	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S137	20816	((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz\$5) and (magneto\$1 resis\$4 magnetic near3 resis\$4 gmr tnr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S138	13534	S137 and (substrate semiconductor wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S139	1127	S138 and ((("2" two second additional plural\$3 multipl\$3) near5 (gmr tnr magneto\$1 resis\$4 magnetic near3 resis\$4 sens\$3 detect\$3 probe transducer) same ((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz\$5) with (cross\$3 perpendicular\$2 orthogonal\$2 normal\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S140	354	S139 not S136 not S133	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S141	1138	S138 and (bridge wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16

S142	585	S141 not S140 not S136 not S133	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:16
S143	129289	(pinned fixed hard) near3 layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:32
S145	13314	S143 and (gmur tmr magneto\$1resist\$4 magnetic near3 resist\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:33
S146	9783	S145 and (bridge wheatstone (plural\$4 multipl\$4 several two "2" second additional)) same (gmur tmr magneto\$1resist\$4 magnetic near3 resist\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:35
S150	723	S146 and ("x-axis" x near3 axis) and ("y-axis" y near3 axis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 13:37
S151	573	S146 and (multis\$1axis (plural\$4 multipl\$4 several additional "2" two) near3 axis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 14:02
S152	382	S151 not S150	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 14:03
S153	2402	365/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 14:26
S154	864723	"324" clas. "338" clas. "360" clas. "438" clas. "29" clas. "365" clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 16:43
S160	27098	S154 and (gmur tmr magneto\$1resist\$4 magnetic near3 resist\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 16:50
S161	9796	S160 and ((pinned fixed hard) near3 (layer axis) spin\$1valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 16:51
S162	3151	S161 and ((plural\$4 multipl\$4 several "4" four fourth) near3 (magnetic near3 resist\$4 gmur tmr spin\$1valve spin adj valve magneto\$1resist\$4) (bridge wheatstone) same (gmur tmr spin\$1valve spin adj valve magneto\$1resist\$4 magnetic near3 resist\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/17 16:52

S163	11717	((pinned fixed hard) near3 (layer axis) spin\$1valve spin adj valve) same (gmr tnr magneto\$1resist\$4 magnetic near3 resist\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 11:50
S164	3546	S163 and ((plural\$4 multipl\$4 several "4" four fourth) near3 (magnetic near3 resist\$4 gmr tnr spin\$1valve spin adj valve magneto\$1resist\$4) (bridge wheatstone) same (gmr tnr spin\$1valve spin adj valve magneto\$1resist\$4 magnetic near3 resist\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 11:52
S165	864723	"324" clas. "338" clas. "360" clas. "438" clas. "29" clas. "365" clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 11:52
S166	27098	S165 and (gmr tnr magneto\$1resist\$4 magnetic near3 resist\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 11:52
S167	9796	S166 and ((pinned fixed hard) near3 (layer axis) spin\$1valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 11:52
S168	3151	S167 and ((plural\$4 multipl\$4 several "4" four fourth) near3 (magnetic near3 resist\$4 gmr tnr spin\$1valve spin adj valve magneto\$1resist\$4) (bridge wheatstone) same (gmr tnr spin\$1valve spin adj valve magneto\$1resist\$4 magnetic near3 resist\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 11:52
S169	633	S164 not S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 11:52
S170	288	324/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:01
S171	537	360/314,324.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:02
S172	1104	(SATO near3 HIDEKI).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:24
S173	28	(OOHASHI near3 TOSHIOYUKI).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:25
S174	93	(WAKUI near3 YUKIO).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:26

S175	955	{YOSHIDA near3 SUSUMU}.in.	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:26
S176	37	{AISO near3 KOKICHI}.in.	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:26
S177	51	{S172 S175} and {gmr tnr magneto\$1resist\$4 magnetic near3 resist\$4} same {spin\$1valve spin adj valve {pinned fixed hard} near3 {layer axis}}	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:36
S178	52	{S172 S175} and {gmr tnr magneto\$1resist\$4 magnetic near3 resist\$4} and {spin\$1valve spin adj valve {pinned fixed hard} near3 {layer axis}}	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:42
S179	1529	{S167 and {(eight "8" eighth) near3 {magnetic near3 resist\$4 gmr tnr spin\$1valve spin adj valve magneto\$1resist\$4} (bridge wheatstone) same {gmr tnr spin\$1valve spin adj valve magneto\$1resist\$4 magnetic near3 resist\$4}}}	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:45
S180	377	{S179 not S168}	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 12:45
S181	1749	{S163 and {(eight "8" eighth) near3 {magnetic near3 resist\$4 gmr tnr spin\$1valve spin adj valve magneto\$1resist\$4} (bridge wheatstone) same {gmr tnr spin\$1valve spin adj valve magneto\$1resist\$4 magnetic near3 resist\$4}}}	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 13:00
S182	334	{S181 not S180 not S168}	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 13:01
S183	70	{S182 not S169}	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 13:01
S184	427	{324/247.ccls.	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 13:06
S186	33	{324/247,252.ccls. and {(pinned hard fixed) near3 {layer axis} and {gmr tnr magneto\$1resist\$4 magnetic near3 resist\$4}}}.clm.	{US-PGPUB	OR	ON	2009/03/18 13:21
S187	5	{("2002006017" "5315282" "5561368" "5945825" "6465053").PN.	{US-PGPUB; USPAT; USOCR	OR	ON	2009/03/18 18:11
S188	364723	{ "324".clas. "338".clas. "360".clas. "438".clas. "29".clas. "365".clas.	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 19:09
S189	4577	{S188 and tunnel\$3 near3 magneto\$1resist\$4}	{US-PGPUB; USPAT; USOCR;FPRS; EPO;JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 19:09

S190	S12	S188 and tunnel\$3 near\$3 magneto\$1resist\$4 with ("4" four fourth eight eighth bridge wheatstone plural\$4 multipl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 19:10
S191	664	tunnel\$3 near\$3 magneto\$1resist\$4 with ("4" four fourth eight eighth bridge wheatstone plural\$4 multipl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 19:19
S192	152	S191 not S190	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 19:20
S193	830	tunnel\$3 near\$3 (magnetic near\$3 resist\$4 magneto\$1resist\$4) with ("4" four fourth eight eighth bridge wheatstone plural\$4 multipl\$4 several additional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 19:28
S194	166	S193 not S192 not S191	US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 19:31
S195	51	324/247,252.ccls. and ((spin\$1valve spin adj valve (pinned hard fixed) near\$3 (layer axis) and (gmnr magneto\$1resist\$4 magnetic near\$3 resist\$4)) (tunnel\$3 near\$3 (magneto\$1resist\$4 magnetic near\$3 resist\$4) tmr)).clm.	US-PGPUB	OR	ON	2009/03/18 19:36